Type of assessment:

[ ]  Awake

[ ]  Asleep

## Awake

1. Date of Assessment (yyyy-mm-dd):

## Results

Type of measurement:

[ ]  Non-invasive measures

[ ]  Invasive measures

### Non Invasive Measures

Assessment Performed At

[ ]  Sleep Lab

[ ]  Home

[ ]  Clinic

[ ]  Other, specify:

Oxygen Flow Rate (LPM)

FIO2:

\*Delivery Method:

Table 1 Gas Exchange Spot Check Table

| Gas Exchange Type Spot check: | Results |
| --- | --- |
| SpO2 (%) | Data to be entered by site |
| ETCO2 or TCCO2 (mmHg) | Data to be entered by site |

### Invasive Measures

Oxygen Flow Rate (LPM):

FIO2:

\*Delivery Method:

Table 2 Blood Gasses Table

| Type | pH | pCO2 | pO2 | HCO3 | Base Excess |
| --- | --- | --- | --- | --- | --- |
| VBG | Data to be entered by site | Data to be entered by site | Data to be entered by site | Data to be entered by site | Data to be entered by site |
| ABG | Data to be entered by site | Data to be entered by site | Data to be entered by site | Data to be entered by site | Data to be entered by site |
| CBG | Data to be entered by site | Data to be entered by site | Data to be entered by site | Data to be entered by site | Data to be entered by site |

## Asleep

1. Date of Assessment (yyyy-mm-dd):
2. Assessment Performed At:

[ ]  Sleep Lab

[ ]  Home

[ ]  Clinic

[ ]  Other, specify:

1. Results

Oxygen Flow Rate (LPM):

FIO2:

\*Delivery Method:

Table 3 Gas Exchange Results

| Gas Exchange Type while asleep | Results |
| --- | --- |
| Average SpO2 (%) | Data to be entered by site |
| SpO2 Percent of time less than 90% (%) | Data to be entered by site |
| Lowest SpO2 (%) | Data to be entered by site |
| Average ETCO2 Or TCCO2 (mmHg) | Data to be entered by site |
| Percent of time above 50 mmHg ETCO2 Or TCCO2 (%) | Data to be entered by site |
| Highest ETCO2 or TCCO2 (%) | Data to be entered by site |

## General Instructions

This CRF contains data that would be collected when a pulmonary study is performed studying gas exchange.

Important note: None of the data elements included on this CRF Module are classified as Core (i.e., strongly recommended for pediatric neuromuscular disease clinical studies to collect if pulmonary studies are performed). All data elements are classified as supplemental (i.e., non Core) and should only be collected if the research team considers them appropriate for their study. Please see the Data Dictionary for element classifications.

## Specific Instructions

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

The CRF includes all instructions available for the data elements at this time. More detailed instructions will be added in Version 4.0 of this CRF Module.

\*Permissible values for Delivery Method are: Trach collar ; Nasal cannula ; Trans tracheal O2 ; Bipap or Ventilator ; Face Mask ; Other. If Other, please specify.